

RYAN HIGH SCHOOL

HOME OF THE MIGHTY THUNDERBOLTS

2009-2010

INFORMATION BOOK

- ACADEMIC & SCHOOL POLICIES
- STANDARDS
- COURSE DESCRIPTIONS

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Rye High School Staff

Principal ----- TJ Vinci

Assistant Principal/Athletic Director ----- Ray Davis

Counselor ----- Peggy L. Jordan

Mathematics-----	Alisa Alfonso
English/Art-----	Kacie Anglin
Social Studies/ Physical Education -----	Jeff Bailey
Science -----	TJ Blackhurst
ER Technician -----	Dean Carter
Mathematics -----	John Gallant
Computer Science/Math -----	Richard Reding
English/Spanish-----	Sally Gray
Media Center 1.5 hrs-----	Julie Canterbury
Social Studies/Physical Education -----	Jim Hale
Special Education -----	Ann Heidrich
Math/Industrial Arts -----	Felicity Holloway
Science-----	Pat McAuliffe
English -----	Nancy Scofield
Band/Choir/Music -----	Joel Shifflet
English -----	Tammy Van Oort
Business/Social Studies-----	Boe Walker
Student Services Administrative Assistant -----	Kim Adair
Administration Administrative Assistant-----	Colleen Mansfield
Food Service Manager-----	Susan Cronck
Head Custodian -----	Dean Earl

Pueblo School District 70 does not unlawfully discriminate on the basis of race, color, religion, national origin, sex, age or handicap (disability) in admission or access to, or treatment, or employment in its educational programs or activities. Inquiries about ADA, Section 504, and Title IX may be addressed to the Superintendent of Schools, 24951 HWY 50 East, Pueblo, CO 81006.

District 70 Vision Statement

Achieving educational excellence together through the involvement of students, staff and community.

Rye High School Mission Statement

To provide a positive learning environment that features high academic standards, respect, safety and discipline.

Accreditation

Rye High School is accredited by the Colorado Department of Education Accreditation process.

Graduation Requirements

Minimum graduation requirements for all students who attend high schools of School District 70 shall be as follows:

1. Twenty- five (25) credits shall be required to graduate from a School District 70 high school.
2. Four years of attendance shall be required unless early graduation or senior release is applied for and approved in keeping with Board and individual school policies.
3. All students will be required to take course work that meets Colorado State Standards in the following areas:
 - **Communication Arts** (English) – 4 credits (English 1, English 2, English 3, English 4)
 - **Mathematics** – 3 credits (credits must include course work in Algebra 1 and Geometry)
 - **Science** – 3 credits (credits must include a life science, physical science and elective science)
 - **Social Studies** – 3 credits (US History, World History, US Government)
 - **Physical Education** – 1.5 credits (one (1) credit must be earned in a physical education class; the other half may be earned from participation in athletics, marching band or cheer.)
 - **Health** – 0.5 credits
 - **Senior Seminar** – 0.5 credits
 - **Computer Literacy** – 0.5 credits
 - **Electives** – 9 credits (a maximum of 4 elective credits may be applied from athletics, marching band, or cheerleading)

Graduation Exercises

Students will not participate in graduation exercises unless they have earned all credits and have satisfied all requirements for graduation as prescribed by the Board of Education. Seniors who have outstanding fines will be allowed to participate in graduation ceremonies but will not receive their diploma until the obligation is paid. Participation in two practices is required. Proper graduation attire must be worn, dress pants, shirt and shoes for men and a dress and dress shoes for women.

Grading System

The grading scale is: 100-90 = A, 89-80 = B, 79-70 = C, 69-60 = D, 59 and lower = F. **Class rank** is computed on the basis of the cumulative grade point average and the number of students in the class. **Cumulative grade point average** begins with the first semester of the ninth grade and is calculated using the following quality points: A = 4, B = 3, C = 2, D = 1, F = 0.

Valedictorian / Salutatorian

The Valedictorian of the graduating class is selected upon the basis of class standing and is the senior that ranks highest scholastically. The Salutatorian of the graduating class is selected upon the basis of class standing and is the senior who ranks second scholastically. Students who have been in attendance at Rye High School two or more years are eligible for selection as Valedictorian and Salutatorian. To be considered for this honor, a student must have the twenty-five credits required for graduation, have a composite score of at least 20 on the ACT,

be proficient or higher on four of the seven CSAP tests given the freshmen and sophomore years and have eight (8) or more quality points.

Gold Cord Graduate

3.6 – 4.0 Grade Point Average

ACT score – minimum of 20 composite score

CSAP – Proficient or higher on four of the seven tests that are given during the freshmen and sophomore years.

Quality Points of eight (8) or higher.

Silver Cord Graduate

3.25 – 3.59 Grade Point Average

ACT Score – minimum of 17 composite score

CSAP - Proficient or higher on four of the seven tests that are given during the freshmen and sophomore years.

Quality Points of eight (8) or higher.

Any student that did not take the 9th and 10th grade CSAP and/or ACT has to go through an appeals process to receive any of the above honors.

Honor Roll

The Honor Roll is published every eighteen weeks. There are three types of rolls:

Distinction = 4.0, Academic = 3.6 to 3.99, Honor = 3.25 to 3.59.

Transfer of Credit from an Accredited School or Home School

Students transferring from an accredited school or home school must show an official transcript in order to receive credits, class ranking and a cumulative grade point average.

Colorado Student Assessment Program

Students receiving proficient or better on all of the CSAP tests administered during the freshmen and sophomore years will receive ½ credit each year that the tests are given.

Quality Point Classes

Classes that receive quality points: one point is received for courses completed and passed for valedictorian, salutatorian, gold cord and silver cord status.

ENGLISH

MATH

English 2 Accel
English 3 Accel
English 4 Accel

Algebra 2
Math Analysis
Calculus

SCIENCE

Biology 2
Chemistry 2
Physics
Anatomy and Physiology
BioChemistry

SOCIAL STUDIES

Psychology
Economics
World Geography

ELECTIVES

Spanish 2
Spanish 3
MOUS 2
Cisco 3
Cisco 4
Band (3rd year, 4th year)
Choir (3rd year, 4th year)
Jazz Band (3rd year, 4th year)
Drafting 2
Drafting 3
Creative Writing 2
Advanced Creative Writing
Advanced Speech
Advanced Vocabulary
Tech Lab 2
Woodworking 2
Advanced Woodworking
Technical Writing
Marketing 2
Speech and Debate(2nd year and above)

PSEO (PCC or CSU-Pueblo)

PCC
AVEP
CSU-Pueblo

COL- Colorado Online Learning-
dual credit courses taken for college credit

CSAP

Reading Advanced*
Writing Advanced*
Math Advanced*
Science Advanced*
*Only one quality point can
be given per test year.

Advanced Placement Courses

ACT Composite Score

30-36 = 2 quality points
25-29 = 1 quality point

These classes are subject to change. Classes may be deleted, but additional classes may be added for quality points

Transfer of Credit from a Non-Accredited School

Students transferring from non-accredited educational institutions may or may not meet the district standards established for satisfactory progress and graduation. When a student from a non-accredited school, including a home-based educational program applies for admission, the process outlined for Rye High School will be followed. Student will be tested and show passed work from previous educational program. CSAP and ACT results will be taken into consideration. After this process has been completed and the student has been registered and

appropriately placed in a District 70 high school, he/she is required to meet graduation requirements from that point on. Once placed in a District 70 school, the student cannot receive home school credits for a partial year without an accredited home school program. Exceptions to this policy may be requested for medical or emergency reasons only.

Leaving School Before End of Grading Period

Students who leave school before the end of a grading period risk losing credit. Students will not be guaranteed an advanced final test nor will there be any assurance of full credit. We strongly encourage every student to attend all classes for the full grading period.

Incomplete Grades

Incomplete grades must be made up within two weeks of the end of the grading period of the following semester or revert to an F on the transcript. Extended time may be given when approved by a teacher. Students are responsible to see that incomplete grades are cleared up.

Class Failure

If a student fails a required class, the student must earn this credit through another source at the student's expense. Credit may be earned at summer school, online or through a correspondence course.

Guidelines for Taking Summer School, Correspondence Classes, On-line Courses

1. District 70 students may use summer school, correspondence courses, or on-line courses to make-up deficient credits only, these are classes that have been taken at RHS, completed and failed. Classes that are required and offered at RHS will not be replaced with summer school, correspondence or on-line courses. Students are expected to take all required courses at Rye High School. Algebra 1 and Geometry credits are available through middle school with the appropriate form.
2. Summer school, correspondence courses, or on-line courses will not be used to replace or remove a previous passing grade for the same class.
3. If a student repeats a class, credit will only be used once toward graduation requirements.
4. Applications for summer school, correspondence classes, and on-line courses must be approved and signed by the counselor.
5. Home school students deciding that they want their diploma from RHS have to take their core courses from RHS.

Schedule Changes

The student, parent(s), and counselor must approve a student's schedule. Schedule changes will be made during the Add-Drop Period. If a student feels a change is absolutely necessary, the counselor will be available to discuss the desired change with the student. Ultimately, however, any change of schedule will have to be authorized by parent's signature (or by phone) and by the counselor. The counselor will provide add/drop forms for you.

Withdrawals

A student leaving the community or withdrawing from school for any reason should visit the counselor immediately. When the parents or guardians clear the withdrawal request, the student will be issued a Withdrawal Form in the office. This form is to be taken to each teacher, the librarian and the ER room for up-to-date grades, returning of books and computer. Payment of financial obligations and final clearance will be handled in the office. This procedure is necessary to insure that your record at Rye High School will be left in good standing.

Partial Absence Policy

The staff at Rye High School is committed to providing four years of quality education to its students. We encourage all students to maintain a full schedule to enhance their education. However, a partial absence(PA) is permitted for each semester for seniors only. The absence must be taken during the first or last block. Parent permission is required. Students with a PA must leave campus during that time or be under the supervision of an RHS staff member.

Aide Positions

There are three types of aide positions at the high school. Credit is earned according to the amount of time scheduled. Students receive a satisfactory(S) or unsatisfactory(U) grade. Elementary Aide and Library Aide positions are available to sophomores, juniors, or seniors. Teacher and Office Aide positions are available only to juniors and seniors. Space is limited for all aide positions. Elementary aides are limited based on Rye Elementary needs. This number can vary each semester.

Guidance Office

Guidance services are available to every student at Rye High School. The counselor can help with educational planning, class scheduling, test score interpretation, occupational information, and scholarship and college applications.

Transcripts

Requests for sending transcripts to colleges or prospective employers may be made to the school counselor. There is a nominal charge for this service.

Change of Information

Please report any change of information (i.e. new phone number, different home or mailing address, change of physician) to the office immediately. It is also vital for the school to have the current employer, address, and phone number for both parents and guardians in case of emergency.

Immunizations

All students enrolled in District 70 must be properly immunized. Colorado law does not allow a student to be enrolled unless they present documentation of current immunizations. If you have questions concerning this, please contact the school nurse through the office.

Class Rings

Class rings are selected and ordered in the fall of the sophomore year. The ring emblems are designed to represent our school and community.

Lockers

Lockers are provided for the safekeeping of books and other property needed at school. In order that lockers may provide the security intended, students are strongly advised to keep their lockers locked at all times. Failure to do so is temptation to others and often results in permanent loss of property and books. The locker combination is the personal property of the student. They invite loss by giving it to others. All students are issued lockers, and will receive a combination lock with a \$5.00 deposit. Any property that is left in any locker in Rye High School is the sole responsibility of the student and not RHS.

Locker Clean Out Procedures

Students will be notified well in advance of the deadline for cleaning out their lockers. Generally, the deadline will be the last regularly scheduled school day prior to the semester exam review day. For seniors it will be the last regularly scheduled day prior to senior final exams.

Textbooks

The teachers issue textbooks to the students. Students are responsible for the care and return of the books and will be charged according to book loss or damage. Book covers are advisable.

Fees, Field Trips, Costs Associated with Courses Offered

General Information

Students and their parents/guardians need to be aware that there may be certain costs or fees associated with the different courses offered in District No. 70 schools. These fees are utilized to offset expenses connected with these classes and the activities or materials used to enhance the overall educational component of the specific classes. Any fees connected with the courses will be noted in the course guides from which students select their classes for upcoming semesters. Teachers in those classes will also make known to students the costs of these fees and what they are specifically designed to cover.

Should any student experience legitimate difficulty or inability to pay these fees, a process of providing assistance is available. These students may either contact their teacher directly or the principal's office at their school for assistance.

While students are encouraged to participate in either the activities or to benefit from the materials purchased through the payment of these fees, they should also be aware that no academic penalty of any kind may be levied against those students who are unable to pay the fees on time or to pay the fees at all.

Field Trip Disclaimer

A field trip may be associated with this course. In accordance with District No. 70 policy regarding field trips and fees, the cost of this trip may be passed along to the individual students in the class who participate in the field trip. This cost includes the per mile expense of the vehicle used for transportation as well as the per hour cost of the driver.

All students are encouraged to participate in the enhanced educational opportunity this trip represents. Should the student be either unwilling or unable to participate in the field trip or to pay for the cost of the trip, alternatives exist regarding assignments as well as payment of the fee. Please see the teacher of the class or the building principal for details.

Club/Activity Disclaimer

A fee may be charged for students who sign up for this elective course or club. Alternatives exist for students who are unable to cover this fee. Students should contact their teacher or the building principal for details.

Colorado Commission on Higher Education/ Higher Education Academic Requirements

Academic Area	2010+ Graduates
English	4 Years
Mathematics (must include Algebra 1, Geometry, Algebra 2 or equivalents)	4 Years
Natural/Physical Sciences (two units must be lab based)	3 Years
Social Sciences (at least one unit of US or World History)	3 Years
Foreign Language	1 Year
Academic Electives (includes additional courses in English, Math, Science, Social Studies, foreign language, art, music, journalism, computer science, and advanced placement courses)	2 Years

Food Services

Secondary school breakfast and lunch prices for the 2009/2010 school year. Breakfast = \$1.25.
Lunch = \$1.90.

School District 70's Standards for Lifelong Learners

Personal Manager

The student will

- *construct goals, implement plans and use organizational tools*
- *act with responsibility, adaptability, persistence and self-control*
- *utilize time and resources within established guidelines*

Effective Communicator

The student will

- *read, comprehend, analyze and use written and oral language, symbols, diagrams, and visual media to express ideas.*
- *listen actively, critically and analytically*
- *develop and defend a position, argument or hypothesis*

Problem Solver

The student will

- *initiate, organize and implement a plan of action and assess results*
- *utilize reflective and critical thinking skills*
- *practice flexibility and adaptability*

Team Worker

The student will

- *set goals, communicate and interact with others in constructive ways*
- *cooperate and share responsibilities and contributions*
- *utilize conflict management skills*

Community Contributor

The student will

- *work toward the benefit of the diverse needs of the school and community*
- *incorporate citizenship*

Pursuer of Excellence

The student will

- *obtain, evaluate and use information for personal, civic and career growth*
- *create works that reflect quality*
- *investigate aesthetic modes*
- *apply work ethic*

STANDARDS LANGUAGE ARTS

STANDARD 1: Reading strategies- Students apply reading strategies to a variety of materials

STANDARD 2: Writing and composition- Students write for a variety of purposes

STANDARD 3: Mechanics and usage- Students apply rules and knowledge about sentence structure, organization and language as they write and speak for specific purposes.

STANDARD 4: Speaking and listening- Students apply rules for speaking and listening to promote effective communications.

STANDARD 5: Multi-Media Information- Students locate, select and make use of relevant information from a variety of print, media and technological sources.

STANDARD 6: Literature- Students recognize literature as a cultural record and as an expression of human experiences.

GEOGRAPHY

STANDARD 1: Geographic Tools- Students will use geographic tools to interpret and locate people, places and human and physical environment on the earth's surface.

STANDARD 2: Characteristics of Places- Students identify the physical and human-made characteristics of places and use this knowledge to define regions for interpreting changing environment.

STANDARD 3: Interactions Between Human and Physical Systems- Students compare and contrast the interactions between human-made and physical systems.

STANDARD 4: Earth's Surface and Pattern Systems- Students explain how processes of nature interact to shape earth's surface patterns and ecosystems.

STANDARD 5: Resources Interact to Shape Population- Students explain how economic, political, cultural and social processes interact to shape patterns of human population.

STANDARD 6: Connections of Geography and Technology- Students apply knowledge of cultures, places and environments to understand the past and present and to prepare for the future.

HISTORY

STANDARD 1: Time Sequence- Students will show the chronological organization of historical events by using cause and effect relationships to group events into major historical periods.

STANDARD 2: Diversity of People- Students investigate the impact of various cultures on past, present and future societies.

STANDARD 3: Adapting to the Environment- Students will probe how humanity has adapted and modified the environment.

STANDARD 4: Political Instrument- Students interpret how and why political theories and organizations have developed.

MATHEMATICS

STANDARD 1: Number Sense- Students develop number sense and use numbers and number relationships in problem situations and communicate the reasoning used in solving these problems.

STANDARD 2: Patterning- Students use algebraic methods to explore, model and describe patterns and functions involving numbers, shapes, data and graphs

STANDARD 3: Probability and Statistics- Students use data collection and analysis, statistics and probability in problem situations and communicate the reasoning and processing used in solving these problems

STANDARD 4: Geometry- Students use geometric concepts, properties and relationship to solve life-related problems

STANDARD 5: Measurement- Students use a variety of measuring tools and techniques in problem and everyday situations

STANDARD 6: Computation- Students link knowledge of concepts and procedures as they develop and use computational skills and techniques in problem solving situations

SCIENCE

STANDARD 1: Scientific Investigation- Students will be able to design, conduct and evaluate a scientific investigation.

STANDARD 2: Interaction of Energy and Matter- Students will analyze the properties and structure of matter forms and transfer of energy, and physical and chemical interactions of matter and energy.

STANDARD 3: Interaction of Living Things/Environment- Student will analyze processes of life and how living things interact with their environment.

STANDARD 4: Dynamics of Earth and Other Celestial Bodies- Students will evaluate and analyze the processes and interactions of earth's systems, and the structure and dynamics of earth and other celestial bodies.

STANDARD 5: Resources of Science and Technology- Students will evaluate the usefulness of resources, and explain how applications of science, technology and human activity impact the world.

STANDARD 6: Connection of Science and Technology- Students will apply common connections among the science disciplines, and relationships of science and technology to areas of human activity.

CIVICS

STANDARD 1: Government, Students will define government and its purpose

STANDARD 2: Citizen, Students will identify the role of the citizen at the local, state and national level

STANDARD 3: Constitutional Principles, Students will interpret the basic constitutional principles and democratic foundations of our national, state and local political systems

STANDARD 4: Democratic Principles, Students will examine how democratic principles are used in the making of public policy

STANDARD 5: Political Relationships, Students will analyze the relationship of the United States' policies and government to world affairs

ECONOMICS

STANDARD 1: Market Place, Students will investigate the essential characteristics of the market place

STANDARD 2: Economic Enterprise, Students will evaluate the interactive role that government and trade plays in a free enterprise economy

STANDARD 3: Monetary Systems, Students will assess the role that money, exchange, and banking plays in our American economy

STANDARD 4: Scarcity, Students will investigate the concept of making choices and decision based on scarcity

STANDARD 5: Economic Systems, Students will analyze the role of various economic systems and their impact on societies

FOREIGN LANGUAGE

STANDARD 1: Listening, Students comprehend the target language through listening to a variety of sources

STANDARD 2: Speaking, Students speak in the target language for a variety of purposes and audiences

STANDARD 3: Reading, Students read to derive meaning from a variety of materials written in the target language

STANDARD 4: Writing, Students write in the target language for a variety of purposes and audiences

STANDARD 5: Cultural Awareness, Students acquire and use knowledge of the target culture while developing target language skills

MUSIC: INSTRUMENTAL

STANDARD 1: Music Performance, Students will sing and/or play on instruments a varied repertoire of music, alone or with others

STANDARD 2: Reading and Writing Music, Students will read and write musical notation

STANDARD 3: Musical Improvisation, Students will improvise or create music in appropriate educational settings

STANDARD 4: Music Listening, Students will listen to, analyze, describe and evaluate music

STANDARD 5: Music History, Students will understand various cultures through the study of music and music history

STANDARD 6: Music Technology, Students will explore music through the use of technology

MUSIC: VOCAL

STANDARD 1: Music Performance, Students will sing and/or play on instruments a varied repertoire of music, alone and with others

STANDARD 2: Reading and Writing Music, Students will read and write musical notation

STANDARD 3: Music Improvisation, Students will improvise or create music in appropriate educational settings

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STANDARD 5: Music History and Multiculturalism, Students will understand various cultures through the study of music and music history

STANDARD 6: Music Technology, Students will explore music through the use of technology

PHYSICAL EDUCATION

STANDARD 1: Skills and Careers, Students know and use competent skills in a variety of physical activities and develop an awareness of related career opportunities

STANDARD 2; Physical Fitness Competency, Students demonstrate competency in physical fitness

STANDARD 3: Team, Dual and Individual Sports, Students demonstrate competency in team, dual and individual sports

VISUAL ARTS

STANDARD 1: Art in the Environment, Students recognize and perceive visual arts in their environments

STANDARD 2: Skills and Processes, Students communicate inventive and creative expression through art materials, tools, techniques and processes

STANDARD 3: History and Culture, Students incorporate knowledge of historical and cultural art forms and the interaction of art and society

STANDARD 4: Criticism and Aesthetics, Students will analyze and assess the characteristics, merits and meaning of their work and the work of others

MEDIA

STANDARD 1: Knowledge Seekers, Students construct meaning from information

STANDARD 2: Quality Producer, Students create a quality product

STANDARD 3: Self-Directed Learner, Students learn independently

STANDARD 4: Group Contributor, Students participate effectively as group members

STANDARD 5: Responsible Information User, Students use information responsibly

GUIDANCE

STANDARD 1: Personal and Social Skills, Students use acceptable personal and social skills when dealing with themselves and others

STANDARD 2: Educational Skills, Students apply study skills and resources to reach educational goals

STANDARD 3: Career Awareness, Students develop an awareness of the career planning process in preparation for live/working in the twenty-first century

COURSE DESCRIPTIONS

A+ (Previously Computer Hardware and Systems Analysis)

Prerequisite: ----- MOUS 1and 2 or approval of instructor.

Grade Level: ----- 11th-12th

Credit: ----- ½ credit

This class is designed to teach how the computer works on the inside. Repair of computers, trouble shooting of problems in both software and hardware are shown. Also included are system networking within classrooms and inter-netting possibilities.

ACCOUNTING 1

Prerequisite: ----- Algebra 1 and Business Math, or approval of instructor

Grade Level: ----- 10th – 12th

Credit ----- ½ credit

This course explores double-entry business accounting: a system of keeping systematic records that provide management with data needed for making decisions. Journals, ledgers, and financial reports are prepared. The student learns how to keep payroll records. Practice simulations are completed.

ACT PREP

Prerequisite: ----- None

Grade Level: ----- 10th – 12th

Credit: ----- ½ credit

The class is designed to increase students’ performance on the ACT examination. Students will review and learn the content of each of the four subject tests on the ACT, and they will be introduced to strategies to help with each subject test. Students will also spend time researching post-secondary options, and the ACT scores required for admission.

ADVANCED CREATIVE WRITING

Prerequisite: ----- Creative Writing 1 and Creative Writing 2

Grade Level: ----- 10th – 12th

Credit: ----- ½ credit

This class is designed for students who have been through Creative Writing 1 and 2. They are students who want to further their writing by designing their own curriculum. Students must submit a written proposal about what they would like to write in class. The instructor will approve or modify the proposal. Students will be checked weekly for their progress toward their desired outcome.

ALGEBRA 1 (will satisfy graduation requirement for algebra)

Prerequisite: ----- None

Grade Level: ----- 9th-12th

Credit: ----- 1 credit

Algebra 1 is the first year of the traditional high school program. Topics include operations with real numbers; solving and graphing linear and quadratic equations and linear inequalities; functions; operations with polynomials; geometric relationships; and probability and statistics. A scientific calculator is recommended.

ALGEBRA 1 ABC (will satisfy graduation requirement for algebra)

Prerequisite: ----- None

Grade Level: ----- 9th – 10th

Credit: ----- 1 credit

Algebra 1 ABC is a three semester course which will cover the same standards and course content as the Algebra 1 course. Students will then be enrolled in Geometry ABC after successful completion of this course.

ALGEBRA 2 (will satisfy graduation requirement for algebra)

Prerequisite: -----Geometry completed and passed with a C or better.

Grade Level: ----- 10th-12th

Credit: ----- 1 credit

Algebra 2 completes the traditional three-year high school program. It is recommended for any student planning to attend college. Topics include solving and graphing quadratic, exponential, and logarithmic equations; functions; operations with polynomials and real and complex numbers; transformation geometry, conics, and probability and statistics. A scientific calculator with graphing capabilities is recommended.

AMERICAN GOVERNMENT (required for graduation)

Prerequisite: -----World History and US History

Grade Level: ----- 11th-12th

Credit: ----- 1 credit

Emphasis will be given to the functions and relationships of the legislative, executive, and judicial branches of the federal and state governments. The role of the United States in international affairs and organizations, current, national, state and local problems confronting the three levels of government will be discussed. The electoral process and the citizen's role in political functions as well as the citizen's role in making democracy work through involvement in the political process will be studied.

ANATOMY/PHYSIOLOGY (will satisfy graduation requirement for science)

Prerequisite: ----- Earth Science and Biology

Grade Level: ----- 10th-12th

Credit: ----- 1 credit

Students study the human body anatomy and physiology. This class is useful to students who wish to learn more about their own bodies and to those planning careers in the medical and athletic fields.

ART

Prerequisite: ----- None

Grade Level: -----9th-12th

Credit: ----- 1/2 credit

This course is designed to give the student the basic knowledge of the elements of design line, shape, form, color texture, and value, through the process of drawing and painting. Materials used will be basic drawing implements, watercolor, pastel, charcoal, color pencil, and acrylic. Projects produced will be two dimensional, with possibility of one three dimensional sculptural project at semester end. Materials will be furnished. Students may be asked to buy some inexpensive items (\$5.00 - \$10.00). Students may take this class at any level and as many semesters as they wish. Projects will be geared to the individual's abilities and the needs of the student. The goal of this class is to give knowledge of the production and presentation of art and an appreciation of the aesthetics in their lives. Ceramics students will need to purchase own supplies.

AVEP/PCC (Advanced Vocational Education Partnership)

Prerequisite:PCC Accuplacer, PCC Application, sufficient credits, approval of counselor, contract and parent permission.

Grade Level: ----- 11th-12th

Credit: ----- ½ credit high school and some Pueblo Community College credits

Fall applications due the 1st Friday of May.

Spring applications due the 1st Friday of December.

Course work offered in:

Arts and Communications

Engineering and Industrial Technology

Business and Computer Technology

Health and Human Services

If you are interested in this program please visit the school counselor for more information.

BAND (Marching Concert Pep)

Catastrophic Insurance and Participation *fees are required*

Prerequisite: ----- Previous playing experience

Grade Level: ----- 9th – 12th

Credit: ----- ½ or 1 credit

Students will learn and perform various styles of music and will focus on the development of instrumental musical skills. Performances outside of school will be required. The band will perform at all home football games (fall semester) and all home basketball games (spring semester) as well as concerts and festivals. Honor Band fees may be paid by the student. T-Shirt fee of \$15 - \$20.

BIOLOGY 1 (required for graduation)

Prerequisite: ----- None

Grade Level: ----- 9th – 12th

Credit: ----- 1 credit

Students will study the characteristics of living things. Laboratory work is designed to help students understand the concepts. Thinking skills are improved as students work with and evaluate data. Reading and writing skills are stressed along with data collection and interpretation.

BIOLOGY 2 (will satisfy graduation requirement for science)

Prerequisite: ----- Biology 1 and Teacher recommendation

Grade Level: ----- 10th – 12th

Credit: ----- 1 credit

This course extends the concepts of living things / environment introduced in biology, to a higher level of analysis. Biology 2 utilizes an inquiry / lab based format that emphasizes critical thinking, technical writing, and data analysis.

BUSINESS MATH (will satisfy graduation requirement for math, but not college bound requirement)

Prerequisite: ----- None

Grade Level: ----- 11th -12th

Credit: ----- ½ or 1 credit

This course covers the practical applications used in math such as bank functions (checking and savings accounts, borrowing), wages, insurance, consumer buying, taxes, and other everyday problems related to personal and consumer situations.

CALCULUS (will satisfy graduation requirement for math)

Prerequisite: ----- Math Analysis or teacher recommendation

Grade Level: ----- 11th-12th

Credit: ----- 1 credit

Calculus is designed for those students interested in many science related fields. It is a college level course. Subject matter includes limits, the derivative, differentials, and integration of functions including polynomials and trigonometric functions. Applications are stressed.

CHEMISTRY 1 (will satisfy graduation requirement for science)

Prerequisite: -----Earth Science, Biology and Geometry.

Grade Level: ----- 11th-12th

Credit: ----- 1 credit

Chemistry is the study of the composition, structure and properties of matter, the changes which matter undergoes, and the energy accompanying those changes. It includes laboratory work and data handling. The course is designed to help students develop higher thinking skills and to understand how chemical products can be useful and safe. One year of chemistry is recommended for college bound students.

CHEMISTRY 2 (will satisfy graduation requirement for science)

Prerequisite: -----Chemistry 1 and Teacher recommendation.

Grade Level: ----- 11th – 12th

Credit: ----- 1 credit

This course is an extension of the concepts introduced in chemistry. Students will study phases of matter, solutions, chemical reactions, carbon and its compounds, nuclear reactions and descriptive chemistry. There will be an emphasis on technical writing and data analysis.

CISCO 1

Prerequisite: -----Keyboarding and teacher approval.

Grade Level: ----- 10th – 12th

Credit: ----- ½ credit

Networking Fundamentals: * OSI model and industry standards * Network topologies * IP addressing, including subnet masks * Networking Components * Basic network design

CISCO 2

Prerequisite: ----- CISCO 1 and teacher approval.

Grade Level: ----- 10th – 12th

Credit: ----- ½ credit

Router Theory and Router Technologies: * Beginning router configurations * Routed and routing protocols * Introduction to LAN switching.

CISCO 3

Prerequisite: ----- CISCO 2 and teacher approval.

Grade Level: ----- 11th – 12th

Credit: ----- ½ credit

Advanced Routing and Switching: * Advanced router configurations * LAN switching * Network Managing * Advanced network design.

CISCO 4

Prerequisite: ----- CISCO 3 and teacher approval.

Grade Level: ----- 11th – 12th

Credit: ----- ½ credit

Project Based Learning: * Advanced network design projects * Advanced network management projects.

COLORADO ONLINE LEARNING (COL)

Prerequisite: -----Enrollment form, student survey, approval of counselor

Grade Level: ----- 10th – 12th (9th grade with administrative approval)
Credit: ----- ½ or 1 credit

Colorado Online Learning offers a variety of courses to enrich the current high school curriculum. Students can register for courses not currently offered at the high school. For a complete list of courses offered visit www.col.k12.co.us. The initial cost for tuition is covered by the parents/guardians of the student in the form of a money order. The district will reimburse the parents/guardians if the student completes and passes the course with a C or better. College credit courses are labeled “available for dual credit”. College credit courses require an additional cost of \$150.00 per course and is not reimbursed. Contact the high school counselor for more information.

CONCERT CHOIR

Prerequisite: ----- Be able to carry a tune.
Grade Level: ----- 9th – 12th
Credit: ----- ½ credit

Students will learn and perform various styles of choral music and will focus on the development of vocal skills to include warm-ups, sight singing, music notation, rhythm and performance. Participation in concert performances is required. Honor Choir fees may be paid by the student.

CREATIVE WRITING 1

Prerequisite: ----- None
Grade Level: ----- 9th-12th
Credit: ----- 1/2 credit

Emphasis will be on writing for expression, enjoyment, and publication. Students will study various genres of writing mainly in the areas of poetry and short stories. They will also learn to give and take constructive criticism.

CREATIVE WRITING 2

Prerequisite: ----- Creative Writing 1
Grade Level: ----- 9th – 12th
Credit: ----- ½ credit

Emphasis will be on writing for expression and enjoyment. Many genres of writing will be explored. Sharing their own writing is a class requirement. They will also look at writing longer pieces.

CURRENT ISSUES

Prerequisite: ----- None
Grade Level: ----- 9th-12th
Credit: ----- 1/2 credit

Class revolves around current events in our community, state and world. A variety of mediums are used, especially newspaper and video. The class requires extensive verbal participation.

DRAFTING/MECHANICAL DRAWING 1, 2, 3

Prerequisite: ----- Instructor approval for 2 and 3
Grade Level: ----- 9th-12th
Credit: ----- 1 credit

This course will introduce the student to the universal graphic language of drafting. After learning proper techniques in the use of drafting instruments and object description, students will use their skills to solve problems in both 2D and 3D formats. Students will also be introduced to the basic functions of

CAD (Computer Aided Drafting). Drafting 2 and 3 will spend more time on CAD and will develop personal projects. More emphasis will be placed on technical skills.

EARTH SCIENCE (required for graduation)

Prerequisite: ----- None

Grade Level: ----- 9th-12th

Credit: ----- 1 credit

Students study the characteristics of the earth, the weather, the solar system, and the water cycle. Thinking skills are improved as students investigate the effects of human activity, scientific advancement, and technology upon the earth's resources and our society.

ECONOMICS

Prerequisite: -----World History and US History

Grade Level: ----- 10th-12th

Credit: ----- 1/2 credit

Students will learn about the American economic system emphasizing business and personal decision-making skills. Students will explore career opportunities and come in contact with representatives from the business community.

ENGLISH 1 (required for graduation)

Prerequisite: ----- None

Grade Level: ----- 9th

Credit: ----- 1 credit

This course is required of all freshmen. The course is designed to help students gain essential skills in reading, writing, speaking and listening. It introduces students to various types of literature. Also students participate in a library orientation activity to learn library and research skills.

ENGLISH 2 (required for graduation)

Prerequisite: -----English 1

Grade Level: ----- 10th

Credit: ----- 1 credit

This course is required of all sophomores except those enrolled in Accelerated English 2 or E. H. English. The class is designed to further familiarize students in writing styles, techniques and rhetorical forms. Literature will be based around novels, plays and model essays. The student will write a research paper at this level.

ENGLISH 3 (required for graduation)

Prerequisite: -----English 2

Grade Level: ----- 11th

Credit: ----- 1 credit

This course is required for all juniors except those enrolled in E.H. English or in Accelerated English 3. The course is designed to introduce students to American literature while working to improve their communications and critical reading skills. A research paper is required.

ENGLISH 4 (required for graduation)

Prerequisite: -----English 3
Grade Level: ----- 12th
Credit: ----- 1 credit

This course is required of all seniors except those enrolled in Accelerated English 4 or E.H. English. The class is a course in world literature, and will prepare the student for the communications required in the post-secondary and work environment. Also students will enhance their library skills by completion of a research paper.

ENGLISH 2 ACCELERATED

Prerequisite: ----- English 1 and Teacher approval
Grade Level: ----- 10th
Credit: ----- 1 credit

This course is designed to meet the needs of advanced sophomores. Students will cover the subject matter at an accelerated pace. Emphasis will be on writing styles, techniques and rhetorical forms. Students will write a research paper.

ENGLISH 3 ACCELERATED

Prerequisite: ----- English 2 or English 2 Accelerated and Teacher approval
Grade Level: ----- 11th
Credit: ----- 1 credit

This course is designed to meet the needs of juniors with advanced language skills. Through American literature the student will investigate the novel, short story, poetry, play, film, lyric, etc. Formal and personal written composition will be emphasized. A research paper is required.

ENGLISH 4 ACCELERATED

Prerequisite: ----- English 3 or English 3 Accelerated and Teacher approval
Grade Level: ----- 12th
Credit: ----- 1 credit

This course is especially valuable for students going on to college. Emphasis will be placed on the forms of written communication including critical thinking/writing skills, the personal essay, and research paper preparation, construction and revision. In addition, the course will explore universal themes through various literary forms. A research project is required.

ENVIRONMENTAL SCIENCE (will satisfy graduation requirement in science)

Prerequisite: ----- None
Grade Level: -----9th – 12th
Credit: ----- 1 credit

This course is the study of the interactions and relationships of organisms to their environment. The scientific fields of biology, chemistry, geology, hydrology and ecology contribute to the study of factors influencing life processes. This class will be based on “hands on” experiential learning and field trips to

the Greenhorn Creek test site. Students interested in careers in forestry, wildlife biology, environmental engineering and related fields are encouraged to take this class.

EXTENDED STUDIES

Prerequisite: ----- Successful completion of required course work.
Grade Level: ----- 12th
Credit: ----- 1 credit

An Extended Studies course is a course designed to enrich a students learning experience. It requires that the student has successfully completed the required courses that apply toward graduation within the yearly school schedule. A student has to be an independent learner and a course syllabus must be provided by the instructor for the extended studies course.

GEOMETRY (will satisfy graduation requirement in geometry)

Prerequisite: ----- Algebra 1 completed and passed with a C or better.
Grade Level: ----- 9th-12th
Credit: ----- 1 credit

Geometry is the second year of the traditional high school program. Topics include review and extension of algebra concepts, point-line-plane relationships, angle relationships, polygons, congruence, similarity, quadrilaterals, coordinate geometry, probability, geometric transformations, and basic triangle trigonometry. Logical justification of statements is stressed though formal proof is de-emphasized. A scientific calculator is recommended.

GEOMETRY ABC (will satisfy graduation requirement for geometry)

Prerequisite: ----- Algebra 1 completed and passed with a C or better.
Grade Level: ----- 9th-10th
Credit: ----- 1 credit

Geometry ABC is a three semester course which covers the same standards and course content that is in Geometry. This course will follow the Algebra 1 ABC course.

GUITAR

Students must own/rent their own instrument. Electric guitar players must have their own amplifier.

Prerequisite: ----- Previous playing experience.
Grade Level: ----- 9th-12th
Credit: ----- ½ credit

Students will be given the opportunity to play a variety of guitar music and will focus on the development of musical skills. Participation in concert performances is required.

ADVANCED GUITAR

Student must have their own instrument and will be required to purchase appropriate method books, cost may be \$25.00

Prerequisite: ----- Beginning Guitar or by audition
Grade Level: ----- 9th – 12th
Credit: ----- ½ credit

Students will work on more advanced techniques to include: tablature, scales, improvisation (solos), rhythm and lead guitar techniques and effects, ensemble development will be explored. Performance may be required.

HEALTH (required for graduation)

Prerequisite: ----- None
Grade Level: ----- 9th
Credit: ----- 1/2 credit

The overall goal of the health program is to provide secondary school students with knowledge, skills and understandings that will enable them to act on behalf of themselves and others in health-enhancing ways. The program frames adolescent health tasks and is designed to help students contribute to their own present and future health and well being, and that of the families, schools, and communities to which they belong. The program emphasizes self-assessment, communication, decision-making skills, health advocacy, and self-management. Class activities and topics will be exciting and upbeat to meet today's teen's needs. Optional \$3.00 fee for CPR card certification.

HUMAN DEVELOPMENT 1

Prerequisite: -----None.
Grade Level: -----9th-12th
Credit: ----- ½ credit

This class explores physical and emotional development starting with conception and proceeding through age two. The topics covered will include: parenting techniques, pregnancy and childbirth, and caring for a child financially and emotionally.

JAZZ ENSEMBLE

Must also be enrolled in band, unless arrangements have been made with the band director.

Prerequisite: ----- Previous playing experience
Grade Level: -----9th – 12th
Credit: ----- ½ or 1 credit

Students will learn and perform various styles of jazz music. Students will focus on developing advanced musical skills to include jazz/blues scales, theory and improvisation techniques. Participation in festivals, clinics, competitions, and concert performances are required. A T-shirt fee of \$15.00 - \$20.00.

JOURNALISM

Interest or experience in photography, writing and art or design. Must test proficient in CSAP Writing.

Prerequisite: ----- One year of typing or word-processing; a minimum C grade average.
Grade Level: ----- 10th-12th
Credit: ----- ½ credit

{Course may be taken for credit for more than 1 year.}

The course covers techniques of layout, copyrighting, photography, and design. Skills learned are immediately applicable to publication production. The makeup and production of the Rye Thunderbolt's yearbook is one of the main functions of the class. Students will be responsible for taking photos for their yearbook page that they will be developing a class.

LEADERSHIP

Prerequisite: ----- Student Council member or club officer

Grade Level: ----- 9th-12th

Credit: ----- ½ credit

Students will learn about different leadership styles. Traits of good leadership will be emphasized and implemented. Student Council meetings will take place during this time.

MARKETING EDUCATION 1

Prerequisite: ----- None

Grade Level: ----- 10th – 12th

Credit: ----- ½ credit

Marketing is a course designed to offer business and marketing skills to students for entry level employment. Items discussed include job seeking skills, economics and free enterprise, introduction to sales and business, store operations and security and transportation.

MATH ANALYSIS (will fulfill graduation requirement in math)

Prerequisite: ----- Algebra 2, passed with a C or better

Grade Level: ----- 11th-12th

Credit: ----- 1 credit

This course is equivalent to college algebra. It is recommended for any student planning to attend college. The topics include a study of the characteristics and the application of functions and trigonometry.

MATH LAB

Prerequisite: ----- CSAP scores, teacher recommendation

Grade Level: ----- 9th – 12th

Credit: ----- ½ credit

This course is designed to support those students that need to improve their math skills. Students are enrolled concurrently in a required math course. Reinforcing math skills and tutoring are available.

MOUS 1 (Previously Computer Science 1)

Prerequisite: ----- Keyboarding

Grade Level: ----- 10th-12th

Credit: ----- ½ credit

The course will introduce software programs for word processing, PowerPoint, spreadsheets, graphics, and practical application of these programs. The student will be assigned projects thus having a "hands on" experience with the computer.

MOUS 2 (Previously Computer Science 2)

Prerequisite: -----Mous 1
Grade Level: ----- 11th-12th
Credit: ----- ½ credit

This course is for advanced use of computer software application programs. This course is to teach real world applications of the computer. Office 2003, Word, Access, Excel, and PowerPoint will be used for projects of the student's choice, school and community.

MUSIC THEORY

Prerequisite: ----- None
Grade Level: ----- 9th – 12th
Credit: ----- ½ credit

Students will learn about different genres of music as well as how to analyze music.

MYTHS AND LEGENDS

Prerequisite: ----- None
Grade Level: ----- 9th-12th
Credit: ----- ½ credit

The course will introduce students to the deities and stories of world mythology. Topics studied will include King Arthur, American Tall Tales, Native American, Celtic (Irish), Greek/Roman, Egyptian, and African. There may also be a unit of folk and fairy tales.

PHOTO JOURNALISM

Prerequisite: ----- None
Grade Level: ----- 9th – 12th
Credit: ----- ½ credit

This class allows students to understand and produce black and white photographs from 35 mm format negatives. Students will learn composition techniques and image manipulation, with dodging and burning, shutter speed and aperture adjustments. An adjustable 35 mm camera with manual will be helpful but not mandatory. Class size limited to five participants, guided enrichment study. Students must be prepared to pay a \$15.00 lab fee based on production.

PHYSICAL EDUCATION (will fulfill graduation requirement in PE)

Prerequisite: ----- None
Grade Level: ----- 9th-12th
Credit: ----- 1/2 credit

This course will be designed to improve student physical fitness. Students will learn about various lifetime and team sports.

PHYSICAL FITNESS/NUTRITION(will fulfill graduation requirement in PE)

Prerequisite: ----- None
Grade Level: ----- 9th-12th
Credit: ----- 1/2 credit

This class is designed for cardiovascular fitness, strength, and toning. It involves participation in aerobic training as well as class discussion on nutrition, fitness and healthy lifestyle changes. All toning will be done using isometric exercises (no weight room). All cardio fitness will be done using aerobic exercise tapes, jump rope and gym sports.

PHYSICS 1(will fulfill graduation requirement in science)

Prerequisite: Algebra II with a C or better, 9th and 10th science class or teacher recommendation

Grade Level: ----- 11th or 12th

Credit: ----- 1 credit

This course deals with types of forces, concepts of motion and conservation laws. The course provides preparation for college science and also strengthens the student’s background in mathematics.

PRE-ALGEBRA

Prerequisite: ----- Assigned by school.

Grade Level: ----- 9th-12th

Credit: ----- 1 credit

Pre-Algebra is a bridge between arithmetic and algebra. Students learn the operations, add, subtract, multiply, and divide with integers, fractions and decimals. Students will solve and write multi-step equations with variables. They will solve equations with inequalities (>,<), and work with basic probability and statistics.

POST-SECONDARY OPTIONS AT PUEBLO COMMUNITY COLLEGE OR COLORADO STATE UNIVERSITY AT PUEBLO

Prerequisite:Sufficient credits, approval of counselor, application, contract and parent permission.

Grade Level: ----- 11th-12th

Credit: ----- ½ high school credit for each 3, 4 or 5 college credits, plus college credit.

Students are allowed to take college-level classes while still in high school. Suggested courses will be entry-level classes only. Please visit with the school counselor for more information.

PSYCHOLOGY

Prerequisite: ----- US History

Grade Level: ----- 11th-12th

Credit: ----- 1/2 credit

This course is designed to help students better understand themselves and those around them. Topics such as personality, altered states of consciousness and abnormal behavior will be studied. Students will keep a personal journal and participate in numerous activities, which apply to the studied topics.

SENIOR SEMINAR (required for graduation)

Prerequisite: ----- Must be a senior

Grade Level: ----- 12th

Credit: ----- ½ credit

This course is designed to give seniors an edge up after they graduate. Seniors will complete a portfolio that includes sample business communications (resumes, etc.), career research, and other individualized assignments pertaining to post-graduate goals. All seniors will learn about finances (credit, budgets, etc.), and will research and apply for scholarships (College or Vocational/Trade School).

SPANISH 1 (will fulfill college bound foreign language requirement)

Prerequisite: ----- Incoming freshmen must have a C or better in 8th grade Language Arts
Grade Level: -----9th-12th
Credit: ----- 1 credit
Students will learn basic Spanish language, grammar, and culture. Students will have daily lessons, which will include oral and written skill development.

SPANISH 2 (will fulfill college bound foreign language requirement)

Prerequisite: ----- Incoming students must have a "C" grade or better in Spanish 1.
Grade Level: -----9th-12th
Credit: ----- 1 credit
Students will continue their studies of the Spanish language, grammar, and culture as well as developing oral, written, and listening skills. Spanish will be spoken 50% of the time.

SPANISH 3 (will fulfill college bound foreign language requirement)

Prerequisite: ----- Spanish 2
Grade Level: ----- 10th-12th
Credit: ----- 1 credit
Students will continue their studies of the Spanish language and grammar. Spanish III will include additional cultural and literary readings. Spanish will be spoken 100% of the time.

SPEECH

Prerequisite: ----- None
Grade Level: -----9th-12th
Credit: ----- ½ credit
Speech is a class designed to give students practice and experience giving a variety of speeches. Listening skills are also taught, practiced, and evaluated. Positive peer evaluations are also an important part of the class.

ADVANCED SPEECH

Prerequisite: ----- Speech
Grade Level: ----- 10th – 12th
Credit: ----- ½ credit
Students will learn advanced speaking skills. They will be required to research and compile speeches on extended topics.

SPEECH/DEBATE

Prerequisite: ----- None
Grade Level: ----- 9th -12th
Credit: ----- ½ credit
The course introduces the student to the complexity of public speaking. Students will learn about verbal and nonverbal communication, persuasion, audience psychology, and research. Students will work on a variety of voice communication projects, including monologues, panel discussions, debates, and salesmanship tasks.

STATISTICS (will fulfill graduation requirement in math)

Prerequisite: ----- Geometry, passed with a C or better
Grade Level: ----- 10th – 12th
Credit: ----- ½ or 1 credit

Statistics is used to analyze and make conclusions from data. Students will study various statistical models and apply their knowledge for data collection and analysis. This course will strengthen students' usage of algebra and geometry.

TECHNICAL WRITING

Pueblo Community College credit is available for 11th and 12th grade students.

Prerequisite: ----- English 1 and MOUS 1 passed with a C or better
Grade Level ----- 10th – 12th
Credit: ----- ½ credit.

This is not your typical English course. The Technical Writing course focuses on business and technical writing. Topics include writing memos, letters, e-mail messages, proposals and reports; incorporating graphics; layout design, and usability; preparing visual and oral presentations, HTML and web design. The majority of the class will focus on using technology and software to enhance the communication process.

TECHNOLOGY LAB 1

Prerequisite: ----- None
Grade Level: ----- 9th-12th
Credit: ----- ½ credit

Students enrolled in this course will learn about the principles involved in such areas as: electronics, hydraulics, pneumatics, computer-controlled systems, mechanisms, bridges and structures in a modular approach. They will also engage in individual and team problem solving activities and will design, construct and race CO2 cars, which cost \$6.00 each.

TECHNOLOGY LAB 2

Prerequisite: ----- Technology Lab 1
Grade Level: ----- 10th-12th
Credit: ----- ½ credit

Students taking Tech Lab for the second time will select a topic or series of topics that have interest for them. They will spend the semester doing research in their area of choice and construct projects related to it. They may also design and construct a CO2 car at a cost of \$6.00 each.

TRANSITIONAL GEOMETRY (will satisfy graduation requirements for geometry)

Prerequisite: ----- Algebra I and approval of instructor
Grade Level: ----- 10th-12th
Credit: ----- 1 credit

Transitional Geometry is a bridge between algebra and geometry. Topics include point-line-plane relationships, angle relationship, polygons, construction, congruence, and similarity.

UNITED STATES HISTORY (required for graduation)

Prerequisite: ----- None
Grade Level: ----- 9th – 12th

Credit: ----- 1 credit
Students will study the discovery of our nation and the events of our history to the present time. The impact of the major significant events on this nation's economic, social, and political institutions will be studied, analyzed and discussed.

WEB DESIGN

Prerequisite: -----MOUS 1
Grade Level: ----- 11th – 12th
Credit: ----- ½ credit
Web Design is designed for students desiring to learn how to create web sites. Teaching students Front Page and HTML is the focus of the class.

WEIGHT TRAINING (will satisfy graduation requirement for Physical Education)

Prerequisite: ----- None
Grade Level: ----- 9th-12th
Credit: ----- ½ credit Standards: Physical Education, page 22
The object of this class is to improve the student's physical endurance, strength, and confidence. Methods of improvement include weight training, agility drills, and information on diet and nutrition.

WORLD HISTORY (required for graduation)

Prerequisite: ----- United States History
Grade Level: ----- 10th – 12th
Credit: ----- 1 credit Standards: History, page 11
Beginning with the human existence, from prehistory, students will be introduced to basic themes that will help reveal patterns and connections among historical events throughout the ages. Students will explore past, present and possible future relationship of the United States, its government and people, with the global community.

WOODWORKING 1

Prerequisite: ----- None
Grade Level: ----- 9th – 12th
Credit: ----- ½ credit
Students enrolled in this course will have the choice of working on individual projects or doing a mass production project as a member of a design and production team. Cost of projects ranges from \$2.00 - \$40.00 depending on materials used.

WOODWORKING 2

Prerequisite: ----- Approval of instructor
Grade Level: ----- 9th- 12th
Credit: ----- ½ credit
Continuation of Woodworking I. Cost of projects ranges from \$2.00 - \$40.00 depending on materials used.

WORK STUDY

Prerequisite: ----- Must have a job and approval of the counselor.
Grade Level: ----- 12th
Credit: ----- ½ to 1 credits

Credit is given for work outside the school. Work 135 hours in a semester (average 7.5 hours per week) equals 1/2 credit. Work 270 hours in a semester (average 15 hours per week) equals 1 credit. See counselor for details.

ZOOLOGY (will fulfill life science requirement)

Prerequisite: ----- Physical Science and Biology

Grade Level: ----- 11th – 12th

Credit: ----- 1 credit

This class will study the classification, evolutionary history, anatomy and physiology of animals.

Dissections will be a significant lab component of this class. Lab fee per student is \$30.00.